

AMENDMENTS TO THE SPECIFICATION

On p. 3, please replace the paragraph at lines 14-15 with the following replacement paragraph, shown below in clean and marked up forms:

CLEAN COPY:

FIG. 2 is a view that illustrates the comparison result of a reference DNA sequence and a subject DNA sequence using NCBI' s BLAST, the upper strand and lower strand of the alignment each correspond to SEQ ID NO:1;

MARKED-UP COPY:

FIG. 2 is a view that illustrates the comparison result of a reference DNA sequence and a subject DNA sequence using NCBI' s ~~blast~~BLAST, the upper strand and lower strand of the alignment each correspond to SEQ ID NO:1;

On p. 3, please replace the paragraph at lines 16-18 with the following replacement paragraph, shown below in clean and marked up forms:

CLEAN COPY:

FIG. 3 is a view that illustrates a principle of conversion of information about a difference between a reference DNA sequence and a subject DNA sequence that are aligned in a comparative unit into a string of characters, the sequence acgtattagggatggacgtatt corresponds to SEQ ID NO:2 and the sequence gggctggatccattag corresponds to SEQ ID NO:3;

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FIG. 3 is a view that illustrates a principle of conversion of information about a difference between a reference DNA sequence and a subject DNA sequence that are aligned in a comparative unit into a string of characters, the sequence acgtattagggatggacgtatt corresponds to SEQ ID NO:2 and the sequence gggctggatccattag corresponds to SEQ ID NO:3;